Sawmill Creek Watershed
Restoration Project

Restoration at the Watershed Level

The Sawmill Creek Watershed Project is a comprehensive effort to address the cumulative impacts of urban and industrial land use on water quality, stream flow, and habitat.

Water quality improvement activities include the reduction of nutrient loads through wetlands creation, isolating and treating deicing chemicals associated with airport stormwater runoff, and sand/gravel mine reclamataion. Water *quantity* management activities include stormwater retrofits and restoring stream base flows.

Habitat improvement in the watershed is most noticable in the restoration of three highly degraded tributaries using natural channel design approaches, while other habitat projects include the removal of fish blockages, fish stocking, and cleanup activities.

Coordination between multiple agencies has been essential to address the cumulative impacts in the Sawmill Creek watershed. Most of the restoration projects were funded by exisiting county and state programs, resulting in little new spending by agencies. Studies to determine the success of these projects will be onging as the watershed adapts to man made and climatic changes.

Location: Glen Burnie, MD - Anne Arundel County. South of Baltimore City.

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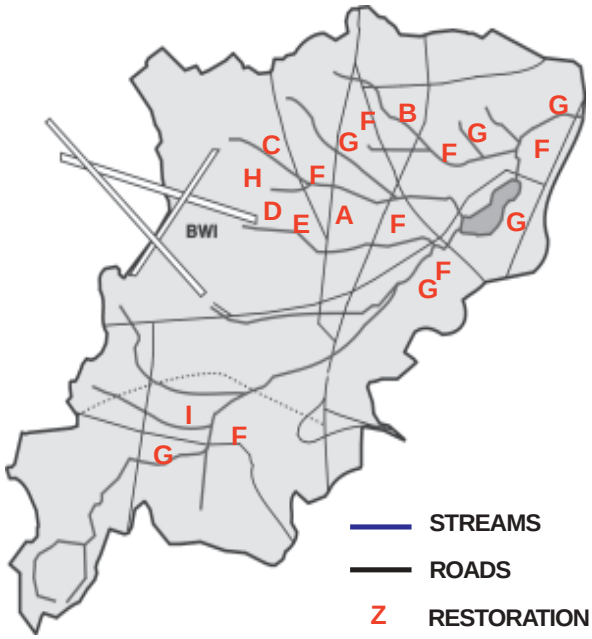

1 inch = 7500 feet

Key

- **A.** Muddy Bridge Branch Stream Restoration
- **B.** Stream Restoration & Fish Stocking
- **C.** Stormwater Mgmt Retrofits
- **D.** Stormwater Mgmt Diversions & Bioretention
- **E.** Wetlands Restoration & Stormwater
- **F.** Fish Passage Blockage Removals
- **G.** Citizen's Activities (fish stocking, stream cleanup)
- **H.** Airport runoff best management practices
- **I.** Sand and Gravel Mine Reclamation

Tributary 9 Restoration during construction.

Tributary 9 Restoration after construction.